

SOUTHERN OREGON CHAPTER AIA
Regular Monthly Meeting
January 19, 2011

The meeting was called to order at 12:00 pm in the Adams Room of the Jackson County Library, Medford Branch. Members attending included Paula Baker-Laporte, Jeffrey Bender, Gary Caperna, David Driver, Steve Ennis, Mark McKechnie, Bruce Richey, Robert Seibert, Stuart Smith, Doug Snider, Dave Straus, Beverly Thruston, David Thruston and Brian Westerhout. Associate members Francis Cerdan and David Evans and allied member Al Francis were present. Guests included David Stevens and Bruce Anderson.

PROGRAM: BIM and the AEC Industry

presented by David Driver, AIA

email: david@daviddriver.com

Why BIM?

- Change one, change all
- Fewer mistakes, less duplication
- Competitive advantage: marketing & new services
- Reduce rework
- Improve productivity
- Reduced conflicts and changes during construction

BIM ROI

ROI is better than "perceived"

ROI is a function of skill level

Where are we now? The design profession is moving to BIM 3 X faster each year.

A/E BIM ADOPTION RATES

Schematic Design	20%
Design Development	30%
Construction Documents	15%
Construction Administration	25%
Closeout	5%

AIA IPD & BIM Documents

Relational

Project Alliances

Examples of BIM users:

Indiana University

Pennsylvania State

Ohio University

Veterans Administration

General Services Administration

Air Force

Compared to traditional delivery of documents vs. integrated project delivery using a project execution plan.

Where are we going?

BIM 1.0 Visualization and Drawings

BIM 2.0 Analysis

BIM 3.0 Simulation

3D and beyond...

4D Building & Time

5D Building Cost

6D

Gave ideas for implementation.

Questions and answers followed the presentation. The meeting was adjourned at 1:30 pm. Submitted by Bruce Richey, AIA, Chapter Secretary.